

# YOSR BEN NAGRA

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# Full-Stack Developer

## Summary

Full-stack engineer with internship experience building React/Angular frontends and Java/Python backends. Experienced in REST API design, CI/CD automation (Docker, Jenkins, GitHub Actions), testing and documentation. Collaborative, detail-oriented, and fluent in English and French.

## Education

**Engineering Degree in Computer Science** — Web and Internet Technology Track *Sep 2020 - Oct 2025*  
Private Higher School of Engineering and Technology (ESPRIT), Tunis, Tunisia

## Skills

**Frontend Engineering:** React, Angular, JavaScript (ES6+), TypeScript, HTML5, CSS3

**Backend Engineering:** Node.js, NestJS, Express, Spring Boot, Django, REST APIs, GraphQL, WebSockets

**Languages & Architecture:** Python, Java, C#, C++, Microservices Architecture, Linux

**Data & Persistence:** MongoDB, PostgreSQL, MySQL, Oracle

**DevOps & CI/CD:** Docker, Jenkins, GitLab CI, GitHub Actions

**Quality & Collaboration:** Git, Agile/Scrum, Jest, React Testing Library, JUnit, Unit Testing

## Experience

### Full-Stack Developer Intern (End-of-Studies Internship)

IT Serv

*Feb 2025 – Aug 2025*

- Designed full-stack web platform integrating AI, DevOps, and RAG
- Implemented AI-powered symptom checker, doctor blog, patient forum, admin dashboard
- Fine-tuned AI model and set up CI/CD, containerization, and monitoring

*Keywords: ReactJS, Flask, MongoDB, Python, Hugging Face, Docker, Jenkins*

### Full-Stack Developer Intern

IronByte

*Jun 2024 – Aug 2024*

- Developed educational web application with assignment submission and lesson sharing
- Added timetable creation tool improving scheduling efficiency

*Keywords: NestJS, ReactJS, MongoDB, TypeScript, JavaScript*

### Full-Stack Developer Intern

Ooredoo Tunisie

*Jul 2023 – Sep 2023*

- Built internal communication app with real-time chat, filtering, and search
- Delivered UX/UI design and unit/integration tests

*Keywords: Spring Boot, Angular*

## Projects

### Shape Blaster — Mobile Game

Personal Project

*Aug - Sep 2025*

- Built a complete 2D mobile puzzle game covering mechanics, controls, enemy AI, visual effects, and end-to-end delivery in two months

*Keywords: Unity, C#, Mobile Development, Game Design*

### Collaborative Document Platform

Academic Team Project — ESPRIT

*2023 - 2024*

- Developed a Notion-like platform with WebSocket collaboration plus secure sharing across groups and users with full authentication/privacy controls

*Keywords: React, TypeScript, NestJS, WebSockets, Jest, GitHub Actions, Vercel*

### Construction Management System

Academic Team Project — ESPRIT

*2022 - 2023*

- Built a Qt desktop application for construction firms to manage stock, staff, materials, deliveries, and reporting through a comprehensive CRUD data layer

*Keywords: Qt, C++, Desktop Application, Database Management*

## Languages

Arabic (Native) | English (Fluent) | French (Fluent)